SEQUENCE LISTING

<110> Presta, Leonard G.
Namenuk, Angela K.

<120> NON-HUMAN PRIMATE Fc RECEPTORS AND METHODS OF USE

<130> 11669.92US01

<140> US 10/027,736
<141> 2001-12-19

<160> 72

<170> PatentIn version 3.1

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gtatctgtca ctgtgaaaga gctatttcca gctccagtgc tgaatgcatc cgtgacatcc 600

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aaaaagtgga atttagaaat atctttggat tctgctcatg agaagaaggt aacttccagc 1020

cttcaagaag acagacattt agaagaagag ctgaagagtc aggaacaaga ataa 1074

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ccgtggatca acgtgctccg ggaggactct gtgactctga cgtgcggggg cgctcacagc 180

cctgacagcg actccactca gtggttccac aatgggaatc gcatccccac ccacacacag 240

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cggaccagcc tcagcgaccc tgttcatctg actgtgcttt ctgagtggct ggcgcttcag 360

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cccagcgtgg gcagctcttc accgatgggg atcattgtgg ctgtggtcac tgggattgct 660

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cccccgtgga tcaacgtgct ccaggaggac tctgtgactc tgacatgcca gggggctcgc 180

agccctgaga gcgactccat tcagtggttc cacaatggga atctcattcc cacccacacg 240

cagcccagct acaggttcaa ggccaacaac aatgacagcg gggagtacac gtgccagact 300

ggccagacca gcctcagcga ccctgtgcat ctgactgtgc tttccgaatg gctggtgctc 360

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gtgctccggg aggactctgt gactctgacg tgcgggggcg ctcacagccc tgacagcgac 240

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ttcaaggcca acaacaatga tagcggggag tacaggtgcc agactggccg gaccagcctc 360

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aatcctgacg aggctgacaa agttggggct gagaacacaa tcacctattc acttctcatg 840

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gaccgtgtga ctctgaagtg ccagggagcc tactcccctg aggacaattc cacacggtgg 180

tttcacaatg agagcctcat ctcaagccag acctcgagct acttcattgc tgctgccaga 240

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cagctggaag tccatatcgg ctggctattg ctccaggccc ctcggtgggt gttcaaggag 360

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35 40 45

Pro Gly Ser Ser Ser Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln
50 55 60

Thr Ser Thr Pro Ser Tyr Arg Ile Thr Ser Ala Ser Val Lys Asp Ser
65 70 75 80

Gly Glu Tyr Arg Cys Gln Arg Gly Pro Ser Gly Arg Ser Asp Pro Ile
85 90 95

Gln Leu Glu Ile His Arg Asp Trp Leu Leu Leu Gln Val Ser Ser Arg
100 105 110

Val Phe Thr Glu Gly Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys
115 120 125

Asp Lys Leu Val Tyr Asn Val Leu Tyr Tyr Gln Asn Gly Lys Ala Phe
130 135 140

Lys Phe Phe Tyr Arg Asn Ser Gln Leu Thr Ile Leu Lys Thr Asn Ile

145 150 155 160

Ser His Asn Gly Ala Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr
165 170 175

Thr Ser Ala Gly Val Ser Val Thr Val Lys Glu Leu Phe Pro Ala Pro
180 185 190

Val Leu Asn Ala Ser Val Thr Ser Pro Leu Leu Glu Gly Asn Leu Val
195 200 205

Thr Leu Ser Cys Glu Thr Lys Leu Leu Leu Gln Arg Pro Gly Leu Gln
210 215 220

Leu Tyr Phe Ser Phe Tyr Met Gly Ser Lys Thr Leu Arg Gly Arg Asn
225 230 235 240

Thr Ser Ser Glu Tyr Gln Ile Leu Thr Ala Arg Arg Glu Asp Ser Gly
245 250 255

Phe Tyr Trp Cys Glu Ala Thr Thr Glu Asp Gly Asn Val Leu Lys Arg
260 265 270

Ser Pro Glu Leu Glu Leu Gln Val Leu Gly Leu Gln Leu Pro Thr Pro
275 280 285

Val Trp Leu His Val Leu Phe Tyr Leu Val Val Gly Ile Met Phe Leu
290 295 300

Val Asn Thr Val Leu Trp Val Thr Ile Arg Lys Glu Leu Lys Arg Lys
305 310 315 320

Lys Lys Trp Asn Leu Glu Ile Ser Leu Asp Ser Ala His Glu Lys Lys
325 330 335

Val Thr Ser Ser Leu Gln Glu Asp Arg His Leu Glu Glu Glu Leu Lys
340 345 350

Ser Gln Glu Gln Glu
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<212> PRT
<213> Homo sapiens

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<223> FcgammaRI alpha-chain

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            20                  25                  30

Val Phe Gln Glu Glu Thr Val Thr Leu His Cys Glu Val Leu His Leu
        35                  40                  45

Pro Gly Ser Ser Ser Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln
    50                  55                  60

Thr Ser Thr Pro Ser Tyr Arg Ile Thr Ser Ala Ser Val Asn Asp Ser
65                  70                  75                  80

Gly Glu Tyr Arg Cys Gln Arg Gly Leu Ser Gly Arg Ser Asp Pro Ile
                85                  90                  95

Gln Leu Glu Ile His Arg Gly Trp Leu Leu Leu Gln Val Ser Ser Arg
            100                 105                 110

Val Phe Thr Glu Gly Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys
        115                 120                 125

Asp Lys Leu Val Tyr Asn Val Leu Tyr Tyr Arg Asn Gly Lys Ala Phe
    130                 135                 140

Lys Phe Phe His Trp Asn Ser Asn Leu Thr Ile Leu Lys Thr Asn Ile
145                 150                 155                 160

Ser His Asn Gly Thr Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr
                165                 170                 175

Thr Ser Ala Gly Ile Ser Val Thr Val Lys Glu Leu Phe Pro Ala Pro
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Val Leu Asn Ala Ser Val Thr Ser Pro Leu Leu Glu Gly Asn Leu Val
        195                 200                 205
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Thr Leu Ser Cys Glu Thr Lys Leu Leu Leu Gln Arg Pro Gly Leu Gln
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Leu Tyr Phe Ser Phe Tyr Met Gly Ser Lys Thr Leu Arg Gly Arg Asn
225                 230                 235                 240

Thr Ser Ser Glu Tyr Gln Ile Leu Thr Ala Arg Arg Glu Asp Ser Gly
                245                 250                 255

Leu Tyr Trp Cys Glu Ala Ala Thr Glu Asp Gly Asn Val Leu Lys Arg
            260                 265                 270

Ser Pro Glu Leu Glu Leu Gln Val Leu Gly Leu Gln Leu Pro Thr Pro
        275                 280                 285

Val Trp Phe His Val Leu Phe Tyr Leu Ala Val Gly Ile Met Phe Leu
    290                 295                 300

Val Asn Thr Val Leu Trp Val Thr Ile Arg Lys Glu Leu Lys Arg Lys
305                 310                 315                 320

Lys Lys Trp Asp Leu Glu Ile Ser Leu Asp Ser Gly His Glu Lys Lys
                325                 330                 335

Val Thr Ser Ser Leu Gln Glu Asp Arg His Leu Glu Glu Glu Leu Lys
            340                 345                 350

Cys Gln Glu Gln Lys Glu Glu Gln Leu Gln Glu Gly Val His Arg Lys
        355                 360                 365

Glu Pro Gln Gly Ala Thr
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<213> Cynomolgus

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Ala Ala Leu Gly Glu Pro Gln Leu Cys Tyr Ile Leu Asp Ala Ile Leu
            20                  25                  30

Phe Leu Tyr Gly Ile Val Leu Thr Leu Leu Tyr Cys Arg Leu Lys Ile
        35                  40                  45

Gln Val Arg Lys Ala Ala Ile Ala Ser Tyr Glu Lys Ser Asp Gly Val
    50                  55                  60

Tyr Thr Gly Leu Ser Thr Arg Asn Gln Glu Thr Tyr Glu Thr Leu Lys
65                  70                  75                  80

His Glu Lys Pro Pro Gln
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<223> FcgammaRI/III gamma-chain

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Ala Ala Leu Gly Glu Pro Gln Leu Cys Tyr Ile Leu Asp Ala Ile Leu
            20                  25                  30

Phe Leu Tyr Gly Ile Val Leu Thr Leu Leu Tyr Cys Arg Leu Lys Ile
        35                  40                  45

Gln Val Arg Lys Ala Ala Ile Thr Ser Tyr Glu Lys Ser Asp Gly Val
    50                  55                  60

Tyr Thr Gly Leu Ser Thr Arg Asn Gln Glu Thr Tyr Glu Thr Leu Lys
65                  70                  75                  80

His Glu Lys Pro Pro Gln
                85
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ctcctctact gtcgactgaa gatccaagtg cgaaaggcag ctatagccag ctatgagaaa 180

tcagatggtg tttacacggg cctgagcacc aggaaccagg aaacttatga gactctgaag 240

catgagaaac caccacagta g 261

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<213> Homo sapiens

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<223> gamma chain

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ctcctctact gtcgactgaa gatccaagtg cgaaaggcag ctataaccag ctatgagaaa 180

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<212> PRT
<213> Cynomolgus

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<222> (1)..(310)
<223> FcgammaRIIA

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            20                  25                  30

Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn Val Leu Arg Glu
        35                  40                  45

Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser Pro Asp Ser Asp
    50                  55                  60

Ser Thr Gln Trp Phe His Asn Gly Asn Arg Ile Pro Thr His Thr Gln
65                  70                  75                  80

Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser Gly Glu Tyr Arg
                85                  90                  95

Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Val His Leu Thr Val
            100                 105                 110

Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu Glu Phe Arg Glu
        115                 120                 125

Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu
    130                 135                 140

Ile Lys Val Thr Phe Phe Gln Asn Gly Ile Ala Lys Lys Phe Ser His
145                 150                 155                 160

Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His Ser His Ser Gly
                165                 170                 175

Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro Tyr Ser Ser Lys
            180                 185                 190

Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly Ser Ser Ser Pro
        195                 200                 205

Met Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala Val Ala Ala Ile
    210                 215                 220

Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys Lys Arg Ile Ser
225                 230                 235                 240

Ala Asn Ser Thr Asp Pro Val Lys Ala Ala Arg Phe Glu Pro Leu Gly
                245                 250                 255
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Arg Gln Thr Ile Ala Leu Arg Lys Arg Gln Leu Glu Glu Thr Asn Asn
            260                 265                 270

Asp Tyr Glu Thr Ala Asp Gly Gly Tyr Met Thr Leu Asn Pro Arg Ala
        275                 280                 285

Pro Thr Asp Asp Asp Arg Asn Ile Tyr Leu Thr Leu Ser Pro Asn Asp
    290                 295                 300

Tyr Asp Asn Ser Asn Asn
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<213> Homo sapiens

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<221> MISC_FEATURE
<222> (1)..(317)
<223> FcgammaRIIA

<400> 16

```
Met Ala Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu
1               5                   10                  15

Trp Leu Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp
            20                  25                  30

Ser Gln Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro
        35                  40                  45

Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly
    50                  55                  60

Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn
65                  70                  75                  80

Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn
                85                  90                  95

Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser
            100                 105                 110

Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr
        115                 120                 125
```

```
Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His
    130                 135                 140

Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly
145                 150                 155                 160

Lys Ser Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile Pro Gln
                165                 170                 175

Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly
            180                 185                 190

Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro
        195                 200                 205

Ser Met Gly Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Ile
    210                 215                 220

Ala Thr Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr
225                 230                 235                 240

Cys Arg Lys Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala
                245                 250                 255

Ala Gln Phe Glu Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg
            260                 265                 270

Gln Leu Glu Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr
        275                 280                 285

Met Thr Leu Asn Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr
    290                 295                 300

Leu Thr Leu Pro Pro Asn Asp His Val Asn Ser Asn Asn
305                 310                 315
```

<210> 17
<211> 316
<212> PRT
<213> Chimp

<220>
<221> MISC_FEATURE
<222> (1)..(316)
<223> FcgammaRIIA

<400> 17

```
Met Ala Met Glu Thr Gln Met Ser Gln Asn Val Cys Pro Arg Asn Leu
1               5                   10                  15

Trp Leu Leu Gln Pro Leu Thr Val Leu Leu Leu Leu Ala Ser Ala Asp
            20                  25                  30

Ser Gln Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp
        35                  40                  45

Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Arg Gly Ala
    50                  55                  60

Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu
65                  70                  75                  80

Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn
                85                  90                  95

Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp
            100                 105                 110

Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro
        115                 120                 125

His Leu Glu Phe Gln Glu Gly Glu Thr Ile Val Leu Arg Cys His Ser
    130                 135                 140

Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys
145                 150                 155                 160

Ser Gln Lys Phe Ser His Leu Asp Pro Asn Leu Ser Ile Pro Gln Ala
                165                 170                 175

Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr
            180                 185                 190

Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Ala Pro Ser
        195                 200                 205

Val Gly Ser Ser Ser Pro Val Gly Ile Ile Val Ala Val Val Ile Ala
    210                 215                 220

Thr Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr Cys
```

225 230 235 240

Arg Lys Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala Ala
245 250 255

Gln Phe Glu Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg Gln
260 265 270

Leu Glu Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr Met
275 280 285

Thr Leu Asn Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr Leu
290 295 300

Thr Leu Pro Pro Asn Asp His Val Asn Ser Asn Asn
305 310 315

<210> 18
<211> 294
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(294)
<223> FcgammaRIIB

<400> 18

Met Gly Ile Leu Ser Phe Leu Pro Val Leu Ala Thr Glu Ser Asp Trp
1 5 10 15

Ala Asp Cys Lys Ser Ser Gln Pro Trp Gly His Met Leu Leu Trp Thr
20 25 30

Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Ala Pro Pro
35 40 45

Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn Val Leu Arg Glu
50 55 60

Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser Pro Asp Ser Asp
65 70 75 80

Ser Thr Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln
85 90 95

```
Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser Gly Glu Tyr Arg
            100                 105                 110

Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Val His Leu Thr Val
        115                 120                 125

Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu Glu Phe Arg Glu
    130                 135                 140

Gly Glu Thr Ile Leu Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu
145                 150                 155                 160

Ile Lys Val Thr Phe Phe Gln Asn Gly Ile Ser Lys Lys Phe Ser His
                165                 170                 175

Met Asn Pro Asn Phe Ser Ile Pro Gln Ala Asn His Ser His Ser Gly
            180                 185                 190

Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro Tyr Ser Ser Lys
        195                 200                 205

Pro Val Thr Ile Thr Val Gln Val Pro Ser Met Gly Ser Ser Ser Pro
    210                 215                 220

Ile Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala Val Ala Ala Ile
225                 230                 235                 240

Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys Lys Arg Ile Ser
                245                 250                 255

Ala Asn Pro Thr Asn Pro Asp Glu Ala Asp Lys Val Gly Ala Glu Asn
            260                 265                 270

Thr Ile Thr Tyr Ser Leu Leu Met His Pro Asp Ala Leu Glu Glu Pro
        275                 280                 285

Asp Asp Gln Asn Arg Val
    290
```

<210> 19
<211> 291
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(291)

<223> FcgammaRIIB

<400> 19

```
Met Gly Ile Leu Ser Phe Leu Pro Val Leu Ala Thr Glu Ser Asp Trp
1               5                  10                  15

Ala Asp Cys Lys Ser Pro Gln Pro Trp Gly His Met Leu Leu Trp Thr
            20                  25                  30

Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Ala Pro Pro
        35                  40                  45

Lys Ala Val Leu Lys Leu Glu Pro Gln Trp Ile Asn Val Leu Gln Glu
    50                  55                  60

Asp Ser Val Thr Leu Thr Cys Arg Gly Thr His Ser Pro Glu Ser Asp
65                  70                  75                  80

Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln
                85                  90                  95

Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser Gly Glu Tyr Thr
            100                 105                 110

Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro Val His Leu Thr Val
        115                 120                 125

Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His Leu Glu Phe Gln Glu
    130                 135                 140

Gly Glu Thr Ile Val Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu
145                 150                 155                 160

Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser Lys Lys Phe Ser Arg
                165                 170                 175

Ser Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His Ser His Ser Gly
            180                 185                 190

Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Leu Tyr Ser Ser Lys
        195                 200                 205

Pro Val Thr Ile Thr Val Gln Ala Pro Ser Ser Ser Pro Met Gly Ile
    210                 215                 220
```

Ile Val Ala Val Val Thr Gly Ile Ala Val Ala Ala Ile Val Ala Ala
225 230 235 240

Val Val Ala Leu Ile Tyr Cys Arg Lys Lys Arg Ile Ser Ala Asn Pro
245 250 255

Thr Asn Pro Asp Glu Ala Asp Lys Val Gly Ala Glu Asn Thr Ile Thr
260 265 270

Tyr Ser Leu Leu Met His Pro Asp Ala Leu Glu Glu Pro Asp Asp Gln
275 280 285

Asn Arg Ile
290

<210> 20
<211> 254
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(254)
<223> FcgammaRIIIA

<400> 20

Met Trp Gln Leu Leu Leu Pro Thr Ala Leu Leu Leu Leu Val Ser Ala
1 5 10 15

Gly Met Arg Ala Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro
20 25 30

Gln Trp Tyr Arg Val Leu Glu Lys Asp Arg Val Thr Leu Lys Cys Gln
35 40 45

Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Arg Trp Phe His Asn Glu
50 55 60

Ser Leu Ile Ser Ser Gln Thr Ser Ser Tyr Phe Ile Ala Ala Ala Arg
65 70 75 80

Val Asn Asn Ser Gly Glu Tyr Arg Cys Gln Thr Ser Leu Ser Thr Leu
85 90 95

Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln
100 105 110

```
Ala Pro Arg Trp Val Phe Lys Glu Glu Glu Ser Ile His Leu Arg Cys
        115                 120                 125

His Ser Trp Lys Asn Thr Leu Leu His Lys Val Thr Tyr Leu Gln Asn
    130                 135                 140

Gly Lys Gly Arg Lys Tyr Phe His Gln Asn Ser Asp Phe Tyr Ile Pro
145                 150                 155                 160

Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Ile
                165                 170                 175

Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln
            180                 185                 190

Asp Leu Ala Val Ser Ser Ile Ser Ser Phe Phe Pro Pro Gly Tyr Gln
        195                 200                 205

Val Ser Phe Cys Leu Val Met Val Leu Leu Phe Ala Val Asp Thr Gly
    210                 215                 220

Leu Tyr Phe Ser Met Lys Lys Ser Ile Pro Ser Ser Thr Arg Asp Trp
225                 230                 235                 240

Glu Asp His Lys Phe Lys Trp Ser Lys Asp Pro Gln Asp Lys
                245                 250
```

<210> 21
<211> 254
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(254)
<223> FcgammaRIIIA

<400> 21

```
Met Trp Gln Leu Leu Leu Pro Thr Ala Leu Leu Leu Leu Val Ser Ala
1               5                   10                  15

Gly Met Arg Thr Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro
            20                  25                  30

Gln Trp Tyr Arg Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln
```

```
        35                  40                  45

Gly Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu
    50                  55                  60

Ser Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr
65                  70                  75                  80

Val Asp Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu
                85                  90                  95

Ser Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln
            100                 105                 110

Ala Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys
        115                 120                 125

His Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn
    130                 135                 140

Gly Lys Gly Arg Lys Tyr Phe His His Asn Ser Asp Phe Tyr Ile Pro
145                 150                 155                 160

Lys Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Phe
                165                 170                 175

Gly Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln
            180                 185                 190

Gly Leu Ala Val Ser Thr Ile Ser Ser Phe Phe Pro Pro Gly Tyr Gln
        195                 200                 205

Val Ser Phe Cys Leu Val Met Val Leu Leu Phe Ala Val Asp Thr Gly
    210                 215                 220

Leu Tyr Phe Ser Val Lys Thr Asn Ile Arg Ser Ser Thr Arg Asp Trp
225                 230                 235                 240

Lys Asp His Lys Phe Lys Trp Arg Lys Asp Pro Gln Asp Lys
                245                 250
```

<210> 22
<211> 933
<212> DNA
<213> Chimp

<220>
<221> misc_feature
<222> (1)..(933)
<223> FcgammaRIIA

<400> 22
atgtctcaga atgtatgtcc cagaaacctg tggctgcttc aaccattgac agttttgctg 60

ctgctggctt ctgcagacag tcaagctgct cccccaaagg ctgtgctgaa acttgagccc 120

ccgtggatca acgtgctcca ggaggactct gtgactctga catgccgggg ggctcgcagc 180

cctgagagcg actccattca gtggttccac aatgggaatc tcatccccac ccacacgcag 240

cccagctaca ggttcaaggc caacaacaat gacagcgggg agtacacgtg ccagactggc 300

cagaccagcc tcagcgaccc tgtgcatctg actgtgcttt ccgaatggct ggtgctccag 360

acccctcacc tggagttcca ggagggagaa accatcgtgc tgaggtgcca cagctggaag 420

gacaagcctc tggtcaaggt cacattcttc cagaatggaa aatcccagaa attctcccat 480

ttggatccca acctctccat cccacaagca aaccacagtc acagtggtga ttaccactgc 540

acaggaaaca taggctacac gctgttctca tccaagcctg tgaccatcac tgtccaagcg 600

cccagcgtgg gcagctcttc accagtgggg atcattgtgg ctgtggtcat tgcgactgct 660

gtagcagcca ttgttgctgc tgtagtggcc ttgatctact gcaggaaaaa gcggatttca 720

gccaattcca ctgatcctgt gaaggctgcc caatttgagc cacctggacg tcaaatgatt 780

gccatcagaa agagacaact tgaagaaacc aacaatgact atgaaacagc tgacggcggc 840

tacatgactc tgaaccccag ggcacctact gacgatgata aaaacatcta cctgactctt 900

cctcccaacg accatgtcaa cagtaataac taa 933

<210> 23
<211> 360
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(360)
<223> B-2 microglobulin

<400> 23
atgtctccct cagtggcctt agccgtgctg gcgctactct ctctttctgg cctggaggct 60

atccagcgta ctccaaagat tcaggtttac tcacgccatc caccagagaa tggaaagcca 120

aatttcctga attgctatgt gtctggattt catccatctg atattgaagt tgacttactg 180

aagaatggag agaaaatggg aaaagtggag cattcagact tgtctttcag caaagactgg 240

tctttctatc tcttgtacta cactgaattc acccccaatg aaaaagatga gtatgcctgc 300

cgtgtgaacc atgtgacttt gtcagggccc aggacagtta agtgggatcg agacatgtaa 360

<210> 24
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(360)
<223> B-2 microglobulin

<400> 24
atgtctcgct ccgtggcctt agctgtgctc gcgctactct ctctttctgg cctggaggct 60

atccagcgta ctccaaagat tcaggtttac tcacgtcatc cagcagagaa tggaaagtca 120

aatttcctga attgctatgt gtctgggttt catccatccg acattgaagt tgacttactg 180

aagaatggag agagaattga aaaagtggag cattcagact tgtctttcag caaggactgg 240

tctttctatc tcttgtacta cactgaattc acccccactg aaaaagatga gtatgcctgc 300

cgtgtgaacc atgtgacttt gtcacagccc aagatagtta agtgggatcg agacatgtaa 360

<210> 25
<211> 119
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(119)
<223> Beta-2 microglobulin

<400> 25

Met Ser Pro Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu Ser
1 5 10 15

Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg
20 25 30

His Pro Pro Glu Asn Gly Lys Pro Asn Phe Leu Asn Cys Tyr Val Ser
35 40 45

Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu
50 55 60

Lys Met Gly Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp

65 70 75 80

Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Asn Glu Lys Asp
85 90 95

Glu Tyr Ala Cys Arg Val Asn His Val Thr Leu Ser Gly Pro Arg Thr
100 105 110

Val Lys Trp Asp Arg Asp Met
115

<210> 26
<211> 119
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(119)
<223> Beta-2 microglobulin

<400> 26

Met Ser Arg Ser Val Ala Leu Ala Val Leu Ala Leu Leu Ser Leu Ser
1 5 10 15

Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg
20 25 30

His Pro Ala Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys Tyr Val Ser
35 40 45

Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu
50 55 60

Arg Ile Glu Lys Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp
65 70 75 80

Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe Thr Pro Thr Glu Lys Asp
85 90 95

Glu Tyr Ala Cys Arg Val Asn His Val Thr Leu Ser Gln Pro Lys Ile
100 105 110

Val Lys Trp Asp Arg Asp Met
115

<210> 27
<211> 1098
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(1098)
<223> FcRn alpha-chain

<400> 27
atgagggtcc cgcggcctca gccctgggcg ctggggctcc tgctctttct cctgcccggg 60

agcctgggcg cagaaagcca cctctccctc ctgtaccacc tcaccgcggt gtcctcgccc 120

gccccgggga cgcctgcctt ctgggtgtcc ggctggctgg gcccgcagca gtacctgagc 180

tacgacagcc tgaggggcca ggcggagccc tgtggagctt gggtctggga aaaccaagtg 240

tcctggtatt gggagaaaga gaccacagat ctgaggatca aggagaagct ctttctggaa 300

gctttcaaag ctttgggggg aaaaggcccc tacactctgc agggcctgct gggctgtgaa 360

ctgagccctg acaacacctc ggtgcccacc gccaagttcg ccctgaacgg cgaggagttc 420

atgaatttcg acctcaagca gggcacctgg ggtggggact ggcccgaggc cctggctatc 480

agtcagcggt ggcagcagca ggacaaggcg gccaacaagg agctcacctt cctgctattc 540

tcctgcccac accggctgcg ggagcacctg gagaggggcc gtggaaacct ggagtggaag 600

gagcccccct ccatgcgcct gaaggcccga cccggcaacc ctggcttttc cgtgcttacc 660

tgcagcgcct tctccttcta ccctccggaa ctgcaactgc ggttcctgcg gaatgggatg 720

gccgctggca ccggacaggg cgacttcggc cccaacagtg acggctcctt ccacgcctcg 780

tcgtcactaa cagtcaaaag tggcgatgag caccactact gctgcatcgt gcagcacgcg 840

gggctggcgc agcccctcag ggtggagctg gaaactccag ccaagtcctc ggtgctcgtg 900

gtgggaatcg tcatcggtgt cttgctactc acggcagcgg ctgtaggagg agctctgttg 960

tggagaagga tgaggagtgg gctgccagcc ccttggatct ccctccgtgg agatgacacc 1020

gggtccctcc tgcccacccc gggggaggcc caggatgctg attcgaagga tataaatgtg 1080

atcccagcca ctgcctga 1098

<210> 28
<211> 1098
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(1098)
<223> FcRn alpha-chain

<400> 28
atgggggtcc cgcggcctca gccctgggcg ctggggctcc tgctctttct ccttcctggg 60

agcctgggcg cagaaagcca cctctccctc ctgtaccacc ttaccgcggt gtcctcgcct 120

gccccgggga ctcctgcctt ctgggtgtcc ggctggctgg gcccgcagca gtacctgagc 180

tacaatagcc tgcggggcga ggcggagccc tgtggagctt gggtctggga aaaccaggtg 240

tcctggtatt gggagaaaga gaccacagat ctgaggatca aggagaagct ctttctggaa 300

gctttcaaag ctttgggggg aaaaggtccc tacactctgc agggcctgct gggctgtgaa 360

ctgggccctg acaacacctc ggtgcccacc gccaagttcg ccctgaacgg cgaggagttc 420

atgaatttcg acctcaagca gggcacctgg ggtggggact ggcccgaggc cctggctatc 480

agtcagcggt ggcagcagca ggacaaggcg gccaacaagg agctcacctt cctgctattc 540

tcctgcccgc accgcctgcg ggagcacctg gagaggggcc gcggaaacct ggagtggaag 600

gagcccccct ccatgcgcct gaaggcccga cccagcagcc ctggcttttc cgtgcttacc 660

tgcagcgcct tctccttcta ccctccggag ctgcaacttc ggttcctgcg gaatgggctg 720

gccgctggca ccggccaggg tgacttcggc cccaacagtg acggatcctt ccacgcctcg 780

tcgtcactaa cagtcaaaag tggcgatgag caccactact gctgcattgt gcagcacgcg 840

gggctggcgc agcccctcag ggtggagctg gaatctccag ccaagtcctc cgtgctcgtg 900

gtgggaatcg tcatcggtgt cttgctactc acggcagcgg ctgtaggagg agctctgttg 960

tggagaagga tgaggagtgg gctgccagcc ccttggatct cccttcgtgg agacgacacc 1020

ggggtcctcc tgcccacccc aggggaggcc caggatgctg atttgaagga tgtaaatgtg 1080

attccagcca ccgcctga 1098

<210> 29
<211> 365
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(365)
<223> FcRn (S3)

<400> 29

Met Arg Val Pro Arg Pro Gln Pro Trp Ala Leu Gly Leu Leu Leu Phe
1 5 10 15

Leu Leu Pro Gly Ser Leu Gly Ala Glu Ser His Leu Ser Leu Leu Tyr

```
            20                  25                  30

His Leu Thr Ala Val Ser Ser Pro Ala Pro Gly Thr Pro Ala Phe Trp
        35                  40                  45

Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser Tyr Asp Ser Leu
    50                  55                  60

Arg Gly Gln Ala Glu Pro Cys Gly Ala Trp Val Trp Glu Asn Gln Val
65                  70                  75                  80

Ser Trp Tyr Trp Glu Lys Glu Thr Thr Asp Leu Arg Ile Lys Glu Lys
                85                  90                  95

Leu Phe Leu Glu Ala Phe Lys Ala Leu Gly Gly Lys Gly Pro Tyr Thr
            100                 105                 110

Leu Gln Gly Leu Leu Gly Cys Glu Leu Ser Pro Asp Asn Thr Ser Val
        115                 120                 125

Pro Thr Ala Lys Phe Ala Leu Asn Gly Glu Glu Phe Met Asn Phe Asp
    130                 135                 140

Leu Lys Gln Gly Thr Trp Gly Gly Asp Trp Pro Glu Ala Leu Ala Ile
145                 150                 155                 160

Ser Gln Arg Trp Gln Gln Gln Asp Lys Ala Ala Asn Lys Glu Leu Thr
                165                 170                 175

Phe Leu Leu Phe Ser Cys Pro His Arg Leu Arg Glu His Leu Glu Arg
            180                 185                 190

Gly Arg Gly Asn Leu Glu Trp Lys Glu Pro Pro Ser Met Arg Leu Lys
        195                 200                 205

Ala Arg Pro Gly Asn Pro Gly Phe Ser Val Leu Thr Cys Ser Ala Phe
    210                 215                 220

Ser Phe Tyr Pro Pro Glu Leu Gln Leu Arg Phe Leu Arg Asn Gly Met
225                 230                 235                 240

Ala Ala Gly Thr Gly Gln Gly Asp Phe Gly Pro Asn Ser Asp Gly Ser
                245                 250                 255

Phe His Ala Ser Ser Ser Leu Thr Val Lys Ser Gly Asp Glu His His
```

```
            260                 265                 270

Tyr Cys Cys Ile Val Gln His Ala Gly Leu Ala Gln Pro Leu Arg Val
        275                 280                 285

Glu Leu Glu Thr Pro Ala Lys Ser Ser Val Leu Val Val Gly Ile Val
    290                 295                 300

Ile Gly Val Leu Leu Leu Thr Ala Ala Ala Val Gly Gly Ala Leu Leu
305                 310                 315                 320

Trp Arg Arg Met Arg Ser Gly Leu Pro Ala Pro Trp Ile Ser Leu Arg
                325                 330                 335

Gly Asp Asp Thr Gly Ser Leu Leu Pro Thr Pro Gly Glu Ala Gln Asp
            340                 345                 350

Ala Asp Ser Lys Asp Ile Asn Val Ile Pro Ala Thr Ala
        355                 360                 365
```

<210> 30
<211> 365
<212> PRT
<213> Homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(365)
<223> FcRn alpha-chain

<400> 30

```
Met Gly Val Pro Arg Pro Gln Pro Trp Ala Leu Gly Leu Leu Leu Phe
1               5                   10                  15

Leu Leu Pro Gly Ser Leu Gly Ala Glu Ser His Leu Ser Leu Leu Tyr
            20                  25                  30

His Leu Thr Ala Val Ser Ser Pro Ala Pro Gly Thr Pro Ala Phe Trp
        35                  40                  45

Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser Tyr Asn Ser Leu
    50                  55                  60

Arg Gly Glu Ala Glu Pro Cys Gly Ala Trp Val Trp Glu Asn Gln Val
65                  70                  75                  80
```

Ser Trp Tyr Trp Glu Lys Glu Thr Thr Asp Leu Arg Ile Lys Glu Lys
85 90 95

Leu Phe Leu Glu Ala Phe Lys Ala Leu Gly Gly Lys Gly Pro Tyr Thr
100 105 110

Leu Gln Gly Leu Leu Gly Cys Glu Leu Gly Pro Asp Asn Thr Ser Val
115 120 125

Pro Thr Ala Lys Phe Ala Leu Asn Gly Glu Glu Phe Met Asn Phe Asp
130 135 140

Leu Lys Gln Gly Thr Trp Gly Gly Asp Trp Pro Glu Ala Leu Ala Ile
145 150 155 160

Ser Gln Arg Trp Gln Gln Gln Asp Lys Ala Ala Asn Lys Glu Leu Thr
165 170 175

Phe Leu Leu Phe Ser Cys Pro His Arg Leu Arg Glu His Leu Glu Arg
180 185 190

Gly Arg Gly Asn Leu Glu Trp Lys Glu Pro Pro Ser Met Arg Leu Lys
195 200 205

Ala Arg Pro Ser Ser Pro Gly Phe Ser Val Leu Thr Cys Ser Ala Phe
210 215 220

Ser Phe Tyr Pro Pro Glu Leu Gln Leu Arg Phe Leu Arg Asn Gly Leu
225 230 235 240

Ala Ala Gly Thr Gly Gln Gly Asp Phe Gly Pro Asn Ser Asp Gly Ser
245 250 255

Phe His Ala Ser Ser Ser Leu Thr Val Lys Ser Gly Asp Glu His His
260 265 270

Tyr Cys Cys Ile Val Gln His Ala Gly Leu Ala Gln Pro Leu Arg Val
275 280 285

Glu Leu Glu Ser Pro Ala Lys Ser Ser Val Leu Val Val Gly Ile Val
290 295 300

Ile Gly Val Leu Leu Leu Thr Ala Ala Ala Val Gly Gly Ala Leu Leu
305 310 315 320

Trp Arg Arg Met Arg Ser Gly Leu Pro Ala Pro Trp Ile Ser Leu Arg
325 330 335

Gly Asp Asp Thr Gly Val Leu Leu Pro Thr Pro Gly Glu Ala Gln Asp
340 345 350

Ala Asp Leu Lys Asp Val Asn Val Ile Pro Ala Thr Ala
355 360 365

<210> 31
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRI - forward primer

<400> 31
caggtcaatc tctagactcc caccagcttg gag 33

<210> 32
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRI - reverse primer

<400> 32
ggtcaactat aagcttggac ggtccagatc gat 33

<210> 33
<211> 34
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(34)
<223> FcgammaRI-H6-GST - forward primer

<400> 33
caggtcaatc atcgatatgt ggttcttgac agct 34

<210> 34
<211> 51
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(51)
<223> FcgammaRI-H6-GST - reverse primer

<400> 34
ggtcaactat gctagcatgg tgatgatggt ggtgccagac aggagttggt a 51

<210> 35
<211> 36
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(36)
<223> FcgammaRIIB - forward primer

<400> 35
caggtcaatc tctagaatgg gaatcctgtc attctt 36

<210> 36
<211> 34
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(34)
<223> FcgammaRIIB - reverse primer

<400> 36
ggtcaactat aagcttctaa atacggttct ggtc 34

<210> 37
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRIIB-H6-GST - forward primer

<400> 37
caggtcaatc atcgatatgc ttctgtggac agc 33

<210> 38
<211> 34
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(34)
<223> FcgammaRIIB-H6-GST - reverse primer

<400> 38
ggtcaactat ggtgacctat cggtgaagag ctgc 34

<210> 39
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRIIIA - forward primer

<400> 39
caggtcaatc tctagaatgt ggcagctgct cct 33

<210> 40
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRIIIA - reverse primer

<400> 40
tcaactataa gcttatgttc agagatgctg ctg 33

<210> 41
<211> 33
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(33)
<223> FcgammaRIIIA-H6-GST - forward primer

<400> 41
caggtcaatc tctagaatgt ggcagctgct cct 33

<210> 42
<211> 35
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(35)
<223> FcgammaRIIIA-H6-GST - reverse primer

<400> 42
ggtcaactat ggtcaccttg gtacccaggt ggaaa 35

<210> 43
<211> 45
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(45)
<223> Fc gamma - forward primer

<400> 43
caggtcaatc atcgatgaat tcccaccatg attccagcag tggtc 45

<210> 44
<211> 35
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(35)
<223> Fc gamma - reverse primer

<400> 44
ggtcaactat aagcttctac tgtggtggtt tctca 35

<210> 45
<211> 32
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(32)
<223> B-2 microglobulin - forward primer

<400> 45
caggtcaatc atcgattcgg gccgagatgt ct 32

<210> 46
<211> 34
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(34)
<223> B-2 microglobulin - reverse primer

<400> 46
ggtcaactat tctagattac atgtctcgat ccca 34

<210> 47
<211> 35
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(35)
<223> FcgammaRIIA - forward primer

<400> 47
caggtcaatc tctagaatgt ctcagaatgt atgtc 35

<210> 48
<211> 37
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(37)
<223> FcgammaRIIA - reverse primer

<400> 48
ggtcaactat aagcttttag ttattactgt tgtcata 37

<210> 49
<211> 35
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(35)
<223> FcgammaRIIA-H6-GST - forward primer

<400> 49
caggtcaatc atcgatatgt ctcagaatgt atgtc 35

<210> 50
<211> 34
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(34)
<223> FcgammaRIIA-H6-GST - reverse primer

<400> 50
ggtcaactat ggtgacccat cggtgaagag ctgc 34

<210> 51
<211> 32
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(32)
<223> FcRn - forward primer

<400> 51
caggtcaatc atcgataggt cgtcctctca gc 32

<210> 52
<211> 32
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(32)
<223> FcRn - reverse primer

<400> 52
ggtcaactat gaattctcgg aatggcggat gg 32

<210> 53
<211> 32
<212> DNA
<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(32)
<223> FcRn-H6 - forward primer

<400> 53
caggtcaatc atcgataggt cgtcctctca gc 32

<210> 54
<211> 55
<212> DNA

<213> Cynomolgus

<220>
<221> misc_feature
<222> (1)..(55)
<223> FcRn-H6 - reverse primer

<400> 54
ggtcaactat gaattcatgg tgatgatggt ggtgcgagga cttggctgga gtttc 55

<210> 55
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer OF1

<400> 55
caggtcaatc tctagacagt ggttccacaa tgg 33

<210> 56
<211> 35
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OR1

<400> 56
ggtcaactat aagcttaaga gtcaggtaga tgttt 35

<210> 57
<211> 37
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OF2

<400> 57
caggtcaatc tctagaatac ataaccttat gtatcat 37

<210> 58
<211> 37
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OF3

<400> 58
caggtcaatc tctagatata gaataacatc cactttg 37

<210> 59
<211> 32
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OR2

<400> 59
ggtcaactat aagcttcaga gtcatgtagc cg 32

<210> 60
<211> 35
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OF4

<400> 60
caggtcaatc tctagaattc cactgatcct gtgaa 35

<210> 61
<211> 37
<212> DNA
<213> artificial sequence

<220>
<223> PCT primer OR3

<400> 61
ggtcaactat aagcttgctt tatttgtgaa atttgtg 37

<210> 62
<211> 35
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OF5

<400> 62
caggtcaatc tctagaactt ggacgtcaaa cgatt 35

<210> 63
<211> 35
<212> DNA
<213> artificial sequence

<220>
<223> PCR primer OR4

<400> 63
ggtcaactat aagcttctgc aataaacaag ttggg 35

<210> 64
<211> 365
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(365)
<223> FcRn (N3)

<400> 64

```
Met Arg Val Pro Arg Pro Gln Pro Trp Ala Leu Gly Leu Leu Leu Phe
1               5                   10                  15

Leu Leu Pro Gly Ser Leu Gly Ala Glu Asn His Leu Ser Leu Leu Tyr
            20                  25                  30

His Leu Thr Ala Val Ser Ser Pro Ala Pro Gly Thr Pro Ala Phe Trp
        35                  40                  45

Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser Tyr Asp Ser Leu
    50                  55                  60

Arg Gly Gln Ala Glu Pro Cys Gly Ala Trp Val Trp Glu Asn Gln Val
65                  70                  75                  80

Ser Trp Tyr Trp Glu Lys Glu Thr Thr Asp Leu Arg Ile Lys Glu Lys
                85                  90                  95

Leu Phe Leu Glu Ala Phe Lys Ala Leu Gly Gly Lys Gly Pro Tyr Thr
            100                 105                 110

Leu Gln Gly Leu Leu Gly Cys Glu Leu Ser Pro Asp Asn Thr Ser Val
        115                 120                 125

Pro Thr Ala Lys Phe Ala Leu Asn Gly Glu Glu Phe Met Asn Phe Asp
    130                 135                 140

Leu Lys Gln Gly Thr Trp Gly Gly Asp Trp Pro Glu Ala Leu Ala Ile
145                 150                 155                 160

Ser Gln Arg Trp Gln Gln Gln Asp Lys Ala Ala Asn Lys Glu Leu Thr
                165                 170                 175

Phe Leu Leu Phe Ser Cys Pro His Arg Leu Arg Glu His Leu Glu Arg
            180                 185                 190
```

```
Gly Arg Gly Asn Leu Glu Trp Lys Glu Pro Pro Ser Met Arg Leu Lys
        195                 200                 205

Ala Arg Pro Gly Asn Pro Gly Phe Ser Val Leu Thr Cys Ser Ala Phe
    210                 215                 220

Ser Phe Tyr Pro Pro Glu Leu Gln Leu Arg Phe Leu Arg Asn Gly Met
225                 230                 235                 240

Ala Ala Gly Thr Gly Gln Gly Asp Phe Gly Pro Asn Ser Asp Gly Ser
                245                 250                 255

Phe His Ala Ser Ser Ser Leu Thr Val Lys Ser Gly Asp Glu His His
            260                 265                 270

Tyr Cys Cys Ile Val Gln His Ala Gly Leu Ala Gln Pro Leu Arg Val
        275                 280                 285

Glu Leu Glu Thr Pro Ala Lys Ser Ser Val Leu Val Val Gly Ile Val
    290                 295                 300

Ile Gly Val Leu Leu Leu Thr Ala Ala Ala Val Gly Gly Ala Leu Leu
305                 310                 315                 320

Trp Arg Arg Met Arg Ser Gly Leu Pro Ala Pro Trp Ile Ser Leu Arg
                325                 330                 335

Gly Asp Asp Thr Gly Ser Leu Leu Pro Thr Pro Gly Glu Ala Gln Asp
            340                 345                 350

Ala Asp Ser Lys Asp Ile Asn Val Ile Pro Ala Thr Ala
        355                 360                 365
```

<210> 65
<211> 336
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(336)
<223> FcgammaRI alpha-chain

<400> 65

```
Ala Val Ile Thr Leu Gln Pro Pro Trp Val Ser Val Phe Gln Glu Glu
1               5                   10                  15
```

```
Thr Val Thr Leu Gln Cys Glu Val Pro Arg Leu Pro Gly Ser Ser Ser
            20                  25                  30

Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln Thr Ser Thr Pro Ser
        35                  40                  45

Tyr Arg Ile Thr Ser Ala Ser Val Lys Asp Ser Gly Glu Tyr Arg Cys
    50                  55                  60

Gln Arg Gly Pro Ser Gly Arg Ser Asp Pro Ile Gln Leu Glu Ile His
65                  70                  75                  80

Arg Asp Trp Leu Leu Leu Gln Val Ser Ser Arg Val Phe Thr Glu Gly
                85                  90                  95

Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys Asp Lys Leu Val Tyr
            100                 105                 110

Asn Val Leu Tyr Tyr Gln Asn Gly Lys Ala Phe Lys Phe Phe Tyr Arg
        115                 120                 125

Asn Ser Gln Leu Thr Ile Leu Lys Thr Asn Ile Ser His Asn Gly Ala
    130                 135                 140

Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr Thr Ser Ala Gly Val
145                 150                 155                 160

Ser Val Thr Val Lys Glu Leu Phe Pro Ala Pro Val Leu Asn Ala Ser
                165                 170                 175

Val Thr Ser Pro Leu Leu Glu Gly Asn Leu Val Thr Leu Ser Cys Glu
            180                 185                 190

Thr Lys Leu Leu Leu Gln Arg Pro Gly Leu Gln Leu Tyr Phe Ser Phe
        195                 200                 205

Tyr Met Gly Ser Lys Thr Leu Arg Gly Arg Asn Thr Ser Ser Glu Tyr
    210                 215                 220

Gln Ile Leu Thr Ala Arg Arg Glu Asp Ser Gly Phe Tyr Trp Cys Glu
225                 230                 235                 240

Ala Thr Thr Glu Asp Gly Asn Val Leu Lys Arg Ser Pro Glu Leu Glu
                245                 250                 255
```

```
Leu Gln Val Leu Gly Leu Gln Leu Pro Thr Pro Val Trp Leu His Val
            260                 265                 270

Leu Phe Tyr Leu Val Val Gly Ile Met Phe Leu Val Asn Thr Val Leu
        275                 280                 285

Trp Val Thr Ile Arg Lys Glu Leu Lys Arg Lys Lys Lys Trp Asn Leu
    290                 295                 300

Glu Ile Ser Leu Asp Ser Ala His Glu Lys Lys Val Thr Ser Ser Leu
305                 310                 315                 320

Gln Glu Asp Arg His Leu Glu Glu Glu Leu Lys Ser Gln Glu Gln Glu
                325                 330                 335
```

<210> 66
<211> 282
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(282)
<223> FcgammaRIIA

<400> 66

```
Thr Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn
1               5                   10                  15

Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala His Ser
            20                  25                  30

Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Arg Ile Pro
        35                  40                  45

Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser
    50                  55                  60

Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp Pro Val
65                  70                  75                  80

His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro His Leu
                85                  90                  95

Glu Phe Arg Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp Lys
```

```
            100                 105                 110

Asp Lys Pro Leu Ile Lys Val Thr Phe Phe Gln Asn Gly Ile Ala Lys
        115                 120                 125

Lys Phe Ser His Met Asp Pro Asn Phe Ser Ile Pro Gln Ala Asn His
    130                 135                 140

Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Pro
145                 150                 155                 160

Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser Val Gly
                165                 170                 175

Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Thr Gly Ile Ala
            180                 185                 190

Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys
        195                 200                 205

Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala Ala Arg Phe
    210                 215                 220

Glu Pro Leu Gly Arg Gln Thr Ile Ala Leu Arg Lys Arg Gln Leu Glu
225                 230                 235                 240

Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr Met Thr Leu
                245                 250                 255

Asn Pro Arg Ala Pro Thr Asp Asp Asp Arg Asn Ile Tyr Leu Thr Leu
            260                 265                 270

Ser Pro Asn Asp Tyr Asp Asn Ser Asn Asn
        275                 280


<210>  67
<211>  281
<212>  PRT
<213>  Chimp

<220>
<221>  MISC_FEATURE
<222>  (1)..(281)
<223>  FcgammaRIIA


<400>  67
```

```
Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp Ile Asn Val
1               5                  10                  15

Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Arg Gly Ala Arg Ser Pro
            20                  25                  30

Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile Pro Thr
        35                  40                  45

His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser Gly
    50                  55                  60

Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro Val His
65                  70                  75                  80

Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His Leu Glu
                85                  90                  95

Phe Gln Glu Gly Glu Thr Ile Val Leu Arg Cys His Ser Trp Lys Asp
            100                 105                 110

Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser Gln Lys
        115                 120                 125

Phe Ser His Leu Asp Pro Asn Leu Ser Ile Pro Gln Ala Asn His Ser
    130                 135                 140

His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr Thr Leu Phe
145                 150                 155                 160

Ser Ser Lys Pro Val Thr Ile Thr Val Gln Ala Pro Ser Val Gly Ser
                165                 170                 175

Ser Ser Pro Val Gly Ile Ile Val Ala Val Val Ile Ala Thr Ala Val
            180                 185                 190

Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr Cys Arg Lys Lys
        195                 200                 205

Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala Ala Gln Phe Glu
    210                 215                 220

Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg Gln Leu Glu Glu
225                 230                 235                 240
```

```
Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr Met Thr Leu Asn
                245                 250                 255

Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr Leu Thr Leu Pro
            260                 265                 270

Pro Asn Asp His Val Asn Ser Asn Asn
        275                 280
```

<210> 68
<211> 252
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(252)
<223> FcgammaaRIIB

<400> 68

```
Thr Pro Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro Trp
1               5                   10                  15

Ile Asn Val Leu Arg Glu Asp Ser Val Thr Leu Thr Cys Gly Gly Ala
            20                  25                  30

His Ser Pro Asp Ser Asp Ser Thr Gln Trp Phe His Asn Gly Asn Leu
        35                  40                  45

Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn
    50                  55                  60

Asp Ser Gly Glu Tyr Arg Cys Gln Thr Gly Arg Thr Ser Leu Ser Asp
65                  70                  75                  80

Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Ala Leu Gln Thr Pro
                85                  90                  95

His Leu Glu Phe Arg Glu Gly Glu Thr Ile Leu Leu Arg Cys His Ser
            100                 105                 110

Trp Lys Asp Lys Pro Leu Ile Lys Val Thr Phe Phe Gln Asn Gly Ile
        115                 120                 125

Ser Lys Lys Phe Ser His Met Asn Pro Asn Phe Ser Ile Pro Gln Ala
    130                 135                 140
```

```
Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly Tyr
145                 150                 155                 160

Thr Pro Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro Ser
                165                 170                 175

Met Gly Ser Ser Ser Pro Ile Gly Ile Ile Val Ala Val Val Thr Gly
            180                 185                 190

Ile Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr Cys
        195                 200                 205

Arg Lys Lys Arg Ile Ser Ala Asn Pro Thr Asn Pro Asp Glu Ala Asp
    210                 215                 220

Lys Val Gly Ala Glu Asn Thr Ile Thr Tyr Ser Leu Leu Met His Pro
225                 230                 235                 240

Asp Ala Leu Glu Glu Pro Asp Asp Gln Asn Arg Val
                245                 250
```

<210> 69
<211> 234
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(234)
<223> FcgammaRIIIA - Alpha chain

<400> 69

```
Glu Asp Leu Pro Lys Ala Val Val Phe Leu Glu Pro Gln Trp Tyr Arg
1               5                   10                  15

Val Leu Glu Lys Asp Arg Val Thr Leu Lys Cys Gln Gly Ala Tyr Ser
            20                  25                  30

Pro Glu Asp Asn Ser Thr Arg Trp Phe His Asn Glu Ser Leu Ile Ser
        35                  40                  45

Ser Gln Thr Ser Ser Tyr Phe Ile Ala Ala Ala Arg Val Asn Asn Ser
    50                  55                  60

Gly Glu Tyr Arg Cys Gln Thr Ser Leu Ser Thr Leu Ser Asp Pro Val
65                  70                  75                  80
```

```
Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala Pro Arg Trp
                85                  90                  95

Val Phe Lys Glu Glu Glu Ser Ile His Leu Arg Cys His Ser Trp Lys
            100                 105                 110

Asn Thr Leu Leu His Lys Val Thr Tyr Leu Gln Asn Gly Lys Gly Arg
        115                 120                 125

Lys Tyr Phe His Gln Asn Ser Asp Phe Tyr Ile Pro Lys Ala Thr Leu
    130                 135                 140

Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Ile Gly Ser Lys Asn
145                 150                 155                 160

Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Asp Leu Ala Val
                165                 170                 175

Ser Ser Ile Ser Ser Phe Phe Pro Pro Gly Tyr Gln Val Ser Phe Cys
            180                 185                 190

Leu Val Met Val Leu Leu Phe Ala Val Asp Thr Gly Leu Tyr Phe Ser
        195                 200                 205

Met Lys Lys Ser Ile Pro Ser Ser Thr Arg Asp Trp Glu Asp His Lys
    210                 215                 220

Phe Lys Trp Ser Lys Asp Pro Gln Asp Lys
225                 230
```

<210> 70
<211> 99
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(99)
<223> Beta-2 microglobulin

<400> 70

```
Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr Ser Arg His Pro Pro Glu
1               5                   10                  15

Asn Gly Lys Pro Asn Phe Leu Asn Cys Tyr Val Ser Gly Phe His Pro
```

20 25 30

Ser Asp Ile Glu Val Asp Leu Leu Lys Asn Gly Glu Lys Met Gly Lys
35 40 45

Val Glu His Ser Asp Leu Ser Phe Ser Lys Asp Trp Ser Phe Tyr Leu
50 55 60

Leu Tyr Tyr Thr Glu Phe Thr Pro Asn Glu Lys Asp Glu Tyr Ala Cys
65 70 75 80

Arg Val Asn His Val Thr Leu Ser Gly Pro Arg Thr Val Lys Trp Asp
85 90 95

Arg Asp Met

<210> 71
<211> 342
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(342)
<223> FcgammaRn alpha-chain (S3)

<400> 71

Ala Glu Ser His Leu Ser Leu Leu Tyr His Leu Thr Ala Val Ser Ser
1 5 10 15

Pro Ala Pro Gly Thr Pro Ala Phe Trp Val Ser Gly Trp Leu Gly Pro
20 25 30

Gln Gln Tyr Leu Ser Tyr Asp Ser Leu Arg Gly Gln Ala Glu Pro Cys
35 40 45

Gly Ala Trp Val Trp Glu Asn Gln Val Ser Trp Tyr Trp Glu Lys Glu
50 55 60

Thr Thr Asp Leu Arg Ile Lys Glu Lys Leu Phe Leu Glu Ala Phe Lys
65 70 75 80

Ala Leu Gly Gly Lys Gly Pro Tyr Thr Leu Gln Gly Leu Leu Gly Cys
85 90 95

```
Glu Leu Ser Pro Asp Asn Thr Ser Val Pro Thr Ala Lys Phe Ala Leu
            100                 105                 110

Asn Gly Glu Glu Phe Met Asn Phe Asp Leu Lys Gln Gly Thr Trp Gly
        115                 120                 125

Gly Asp Trp Pro Glu Ala Leu Ala Ile Ser Gln Arg Trp Gln Gln Gln
    130                 135                 140

Asp Lys Ala Ala Asn Lys Glu Leu Thr Phe Leu Leu Phe Ser Cys Pro
145                 150                 155                 160

His Arg Leu Arg Glu His Leu Glu Arg Gly Arg Gly Asn Leu Glu Trp
                165                 170                 175

Lys Glu Pro Pro Ser Met Arg Leu Lys Ala Arg Pro Gly Asn Pro Gly
            180                 185                 190

Phe Ser Val Leu Thr Cys Ser Ala Phe Ser Phe Tyr Pro Pro Glu Leu
        195                 200                 205

Gln Leu Arg Phe Leu Arg Asn Gly Met Ala Ala Gly Thr Gly Gln Gly
    210                 215                 220

Asp Phe Gly Pro Asn Ser Asp Gly Ser Phe His Ala Ser Ser Ser Leu
225                 230                 235                 240

Thr Val Lys Ser Gly Asp Glu His His Tyr Cys Cys Ile Val Gln His
                245                 250                 255

Ala Gly Leu Ala Gln Pro Leu Arg Val Glu Leu Glu Thr Pro Ala Lys
            260                 265                 270

Ser Ser Val Leu Val Val Gly Ile Val Ile Gly Val Leu Leu Leu Thr
        275                 280                 285

Ala Ala Ala Val Gly Gly Ala Leu Leu Trp Arg Arg Met Arg Ser Gly
    290                 295                 300

Leu Pro Ala Pro Trp Ile Ser Leu Arg Gly Asp Asp Thr Gly Ser Leu
305                 310                 315                 320

Leu Pro Thr Pro Gly Glu Ala Gln Asp Ala Asp Ser Lys Asp Ile Asn
                325                 330                 335
```

Val Ile Pro Ala Thr Ala
340

<210> 72
<211> 342
<212> PRT
<213> Cynomolgus

<220>
<221> MISC_FEATURE
<222> (1)..(342)
<223> FcgammaRn alpha-chain (N3)

<400> 72

Ala Glu Asn His Leu Ser Leu Leu Tyr His Leu Thr Ala Val Ser Ser
1 5 10 15

Pro Ala Pro Gly Thr Pro Ala Phe Trp Val Ser Gly Trp Leu Gly Pro
20 25 30

Gln Gln Tyr Leu Ser Tyr Asp Ser Leu Arg Gly Gln Ala Glu Pro Cys
35 40 45

Gly Ala Trp Val Trp Glu Asn Gln Val Ser Trp Tyr Trp Glu Lys Glu
50 55 60

Thr Thr Asp Leu Arg Ile Lys Glu Lys Leu Phe Leu Glu Ala Phe Lys
65 70 75 80

Ala Leu Gly Gly Lys Gly Pro Tyr Thr Leu Gln Gly Leu Leu Gly Cys
85 90 95

Glu Leu Ser Pro Asp Asn Thr Ser Val Pro Thr Ala Lys Phe Ala Leu
100 105 110

Asn Gly Glu Glu Phe Met Asn Phe Asp Leu Lys Gln Gly Thr Trp Gly
115 120 125

Gly Asp Trp Pro Glu Ala Leu Ala Ile Ser Gln Arg Trp Gln Gln Gln
130 135 140

Asp Lys Ala Ala Asn Lys Glu Leu Thr Phe Leu Leu Phe Ser Cys Pro
145 150 155 160

His Arg Leu Arg Glu His Leu Glu Arg Gly Arg Gly Asn Leu Glu Trp
165 170 175

Lys Glu Pro Pro Ser Met Arg Leu Lys Ala Arg Pro Gly Asn Pro Gly
180 185 190

Phe Ser Val Leu Thr Cys Ser Ala Phe Ser Phe Tyr Pro Pro Glu Leu
195 200 205

Gln Leu Arg Phe Leu Arg Asn Gly Met Ala Ala Gly Thr Gly Gln Gly
210 215 220

Asp Phe Gly Pro Asn Ser Asp Gly Ser Phe His Ala Ser Ser Ser Leu
225 230 235 240

Thr Val Lys Ser Gly Asp Glu His His Tyr Cys Cys Ile Val Gln His
245 250 255

Ala Gly Leu Ala Gln Pro Leu Arg Val Glu Leu Glu Thr Pro Ala Lys
260 265 270

Ser Ser Val Leu Val Val Gly Ile Val Ile Gly Val Leu Leu Leu Thr
275 280 285

Ala Ala Ala Val Gly Gly Ala Leu Leu Trp Arg Arg Met Arg Ser Gly
290 295 300

Leu Pro Ala Pro Trp Ile Ser Leu Arg Gly Asp Asp Thr Gly Ser Leu
305 310 315 320

Leu Pro Thr Pro Gly Glu Ala Gln Asp Ala Asp Ser Lys Asp Ile Asn
325 330 335

Val Ile Pro Ala Thr Ala
340